THE EFFECT OF HALA POWDER SUBSTITUTION*(Pandanus tectrius)* IN PELLET ON DRY MATTER INTAKE AND WEIGHT GAIN OF BROILER RABBIT

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ABSTRACT

This research aim to know the effect of hala flour substitution in pellet on dry matter intake and average daily weight gain of male *Flemish giant*. The experimental design was Completely Randomized Design (CRD) with 4 treatments and 5 replications. This research used 20 males *Flemish giant* breed aged 1.5-2 months with an initial average body weight 750± 10,95 gr. The treatments of feed were P0 (100% commercial pellet), P1 (85% pellet with 15% hala flour), P2 (75% pellet with 25% hala flour), P3 (60% pellet with 40% hala flour) and given 150 gr/day in total for each group. Data were analyzed with ANOVA and continued by Duncan multiple test. The results showed significant differences ($P<0.05$) on dry matter intake, but not in rabbit's daily weight gain ($P>0,05$). Average of dry matter intake/day of P0 to P3 were 121,088 ± 0,57 gr; 120,12 ± 2,11 gr; 119,98 ± 0,87 gr; 118,19 ± 0,67 gr. Average of daily weight gain of P0 to P3 were 84 ± 0,79 gr; 83,1 ± 0,89 gr ; 78,6 ± 2,84 gr; 74,5 ± 2,09 gr. This research suggests that 25% of hala flour had no different effect of dry matter intake and weight gain with commercial pellet

Keywords : *Flemish*, hala, dry matter, weight